LISTING OF THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Previously Presented) A power supply control method in a portable communication device provided with a plurality of controllers including a main controller and a sub controller for controlling external communication, the external communication including wired communication through an external connector in the portable communication device and radio communication for location registration of the portable communication device, the power supply control method comprising the steps of:

a) checking whether the sub controller is controlling the external communication; and

b) when the external communication has not been controlled for a predetermined time-out period, powering off the sub controller.

2. (Original) The power supply control method according to claim 1, wherein the external communication is radio communication with a mobile communications system for location registration of the portable communication device.

3. (Previously Presented) The power supply control method according to claim 1, wherein the wired communication is with an external information processing device through the external connector.

4. (Original) The power supply control method according to claim 1, wherein the step a) comprises the steps of:

a.1) sending an operation check request to the sub controller when an operation check timer is reset for the predetermined time-out period; and

a.2) determining whether an operation check response to the operation check request is received from the sub controller, and

the step b) comprises the steps of:

b.1) when the operation check response is not received from the sub controller within the predetermined time-out period, powering off the sub controller; and

b.2) when the operation check response is received from the sub controller within the predetermined time-out period, keeping the sub controller powered on.

5. (Original) The power supply control method according to claim 4, further comprising the steps of:

implementing at least an external interface task and timer handler in the main controller; and

implementing at least an external communication monitoring task in the sub controller,

wherein the external interface task sends the operation check request when the timer handler starts the operation check timer and, when the operation check response is not received from the sub controller within the predetermined time-out period, powers off the sub controller,

wherein the external communication monitoring task sends the operation check response back to the external interface task when the external communication is being performed.

6. (Previously Presented) A power supply control system in a portable communication device provided with a plurality of controllers including a main controller and a sub controller for controlling external communication, the external communication including wired communication through an external connector in the portable communication device and radio communication for location registration of the portable communication device, the power supply control system comprising:

operation check means for checking whether the sub controller is controlling the external communication; and

power control means controlling power supply of the sub controller such that the sub controller is powered off when the external communication has not been controlled for a predetermined time-out period.

7. (Original) The power supply control system according to claim 6, wherein

the operation check means sends an operation check request to the sub controller when an operation check timer is reset for the predetermined time-out period, and determines whether an operation check response to the operation check request is received from the sub controller, and

the power control means powers off the sub controller when the operation check response is not received from the sub controller within the predetermined time-out period, and keeping the sub controller powered on when the operation check response is received from the sub controller within the predetermined time-out period.

8. (Original) The power supply control system according to claim 7, wherein the sub controller sends the operation check response back to the main controller when the external communication is being performed.

9. (Currently Amended) A portable communication device comprising:

a radio communication section for communicating with a base station of a mobile communications system;

a main ~~CPU~~ controller for controlling an entire operation of the portable communication device;

an external connector;

a sub ~~CPU~~ controller for controlling external communication, the external communication including wired communication through the external connector and radio communication for location registration of the portable communication device; and

a dual port memory connected to the main ~~CPU~~ controller at one port and connected to the sub ~~CPU~~ controller at the other port, for transferring messages between the main ~~CPU~~ controller and the sub ~~CPU~~ controller,

wherein the main ~~CPU~~ controller implements:

operation check means for checking whether the sub controller is controlling the external communication; and

power control means controlling power supply of the sub controller such that the sub controller is powered off when the external communication has not been controlled for a predetermined time-out period,

wherein the sub controller implements:

response means for sending the operation check response back to the main controller when the external communication is being controlled.

10. (Previously Presented) A computer-readable medium encoded with a computer program instructing a computer to implement a power supply control method in a portable communication device provided with a plurality of controllers including a main controller and a sub controller for controlling external communication, the external communication including wired communication through an external connector in the portable communication device and radio communication for location registration of the portable communication device, the program comprising the steps of:

a) checking whether the sub controller is controlling the external communication; and

b) when the external communication has not been controlled for a predetermined time-out period, powering off the sub controller.

11. (Previously Presented) The computer-readable medium encoded with a computer program according to claim 10, wherein

the step a) comprises the steps of:

a.1) sending an operation check request to the sub controller when an operation check timer is reset for the predetermined time-out period; and

a.2) determining whether an operation check response to the operation check request is received from the sub controller, and

the step b) comprises the steps of:

b.1) when the operation check response is not received from the sub controller within the predetermined time-out period, powering off the sub controller; and

b.2) when the operation check response is received from the sub controller within the predetermined time-out period, keeping the sub controller powered on.

12. (Previously Presented) The computer-readable medium encoded with a computer program according to claim 11, further comprising the steps of:

implementing at least an external interface task and timer handler in the main controller; and

implementing at least an external communication monitoring task in the sub controller,

wherein the external interface task sends the operation check request when the timer handler starts the operation check timer and, when the operation check response is not received from the sub controller within the predetermined time-out period, powers off the sub controller,

wherein the external communication monitoring task sends the operation check response back to the external interface task when the external communication is being controlled.